Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of transmitting data between a transmitter and a receiver, the method comprising ~~the steps of~~:

transmitting, by the transmitter, a data packet onto multiple paths of a wireless network between the transmitter and the receiver, at least one of the paths including at least one repeater transceiver node;

forwarding, by the at least one repeater node, the data packet to the receiver and storing, by the at least one repeater node, a copy of the forwarded data packet;

issuing a no-acknowledge (NACK) signal over the network, by the receiver, ~~in the event that~~ if the data packet is not properly received by the receiver; and

initiating retransmission of the data packet onto the network by the at least one repeater node responsive to receipt of the NACK signal by the at least one repeater node, the at least one repeater node initiating retransmission of the data packet by transmitting the stored copy of the forwarded data packet to the receiver.

2. (Currently Amended) The method of claim 1 ~~in which the retransmitting step~~ wherein said retransmission is effected by all repeater nodes that forwarded the data packet and that receive the NACK signal.

3. (Currently Amended) The method of claim 1 ~~in which the retransmitting step~~ wherein said retransmission is effected by said at least one ~~of the~~ repeater ~~nodes~~ node and the transmitter.

4. (Currently Amended) The method of claim 1 ~~in which~~ wherein the transmitter does not retransmit the ~~original~~ data packet ~~in the event of the issuing of a NACK signal by~~ if the receiver issues the NACK signal.

5. (Currently Amended) The method of claim 4 ~~in which~~ wherein the transmitter does not listen for NACK signals relating to its own transmitted data packets.

6. (Currently Amended) The method of claim 1 ~~in which the step of retransmitting~~ wherein said retransmission of the data ~~packets~~ packet onto the network by the at least one repeater node includes ~~the step of~~ using multiple paths available from the repeater node to the receiver.

7. (Currently Amended) The method of claim 1, further including ~~the step of~~ the receiver issuing an acknowledge (ACK) signal in the event that the data packet is correctly received by said receiver, the at least one repeater node forwarding the ACK signal to the transmitter.

8. (Currently Amended) The method of claim 1, further including ~~the step of~~ retransmitting the data packet, by the repeater node, after a first ~~predetermined~~ retransmittal interval if no ACK or NACK signal is received ~~in respect of a~~ with respect to said forwarded data packet.

9. (Currently Amended) The method of claim 8, further including the transmitter retransmitting the data packet after a second ~~predetermined~~ retransmittal interval if no ACK signal is received, the second ~~predetermined~~ retransmittal interval being greater than the first ~~predetermined~~ retransmittal interval.

10. (Currently Amended) A repeater node ~~for forwarding~~ to forward data packets, received from a transmitter node, to a receiver node that is ~~the~~ an end destination of the packets, in a wireless network, the repeater node comprising:

a receive module ~~for receiving~~ to receive data packets originating from the transmitter;

a transmit module ~~for forwarding~~ to forward the data packets to another node in the network;

a pending packet buffer ~~for storing~~ to store copies of the forwarded data packets; and

a retransmission module ~~for initiating~~ to initiate retransmission over the network of data packets of ~~the~~ previously forwarded data packets for which no-acknowledge (NACK) signals are received, responsive to the NACK signals being received by the repeater node, the retransmission module ~~initiating~~ being adapted to initiate retransmission of the data packets for which NACK signals are received by transmitting the stored copies of these data packets.

11. (Currently Amended) The repeater node of claim 10, further including a purge module ~~for removing~~ to remove a stored data packet from the pending packet buffer responsive to an acknowledge (ACK) signal being received ~~in respect of~~ with respect to that data packet.

12. (Currently Amended) The repeater node of claim 10 ~~in which~~ wherein the retransmission module ~~includes a module for retransmitting~~ is adapted to transmit the data packets over all available paths.

13. (Previously Presented) The repeater node of claim 10, wherein the repeater node is adapted to forward ACK signals to the transmitter and not to forward NACK signals to the transmitter.

14. (Currently Amended) The repeater node of claim 10 ~~in which~~ wherein the retransmission module ~~further includes a module for retransmitting~~ is adapted to retransmit the data packets after a first ~~predetermined~~ retransmittal interval when no corresponding ACK or NACK signal is received.

15. (Currently Amended) A wireless network of communicating nodes, the network comprising:

a transmitter node, a receiver node and at least one repeater node ~~for forwarding~~ to forward data packets, received from the transmitter node, to the receiver node that is ~~the~~ an end destination of the data packets, the at least one repeater node including:

a receive module ~~for receiving~~ to receive the data packets originating from the transmitter;

a transmit module ~~for forwarding~~ to forward the data packets to another node in the network;

a pending packet buffer ~~for storing~~ to store copies of the forwarded data packets; and

a retransmission module ~~for initiating~~ to initiate retransmission, over the network, of data packets of ~~the~~ previously forwarded data packets in response to receiving no-acknowledge (NACK) signals, the retransmission module ~~initiating~~ being adapted to initiate retransmission of the data packets of the previously forwarded data packets by transmitting the stored copies of these data packets.

16. (Currently Amended) The network of claim 15 ~~in which~~ wherein the retransmission module, in the repeater node, ~~further includes a module for retransmitting~~ is adapted to retransmit the data packets after a first ~~predetermined~~ retransmittal interval when no corresponding ACK or NACK signal is received.

17. (Currently Amended) The network of claim 16 ~~further including a second retransmission module, in the transmitter, for retransmitting~~ wherein said transmitter node is

adapted to retransmit the data packets after a second ~~predetermined~~ retransmittal interval that is longer than the first retransmittal interval, when no corresponding ACK or NACK signal is received.

18. (Previously Presented) The network of claim 15, wherein the transmitter node does not retransmit data packets in response to receiving the NACK signals.

19. (Previously Presented) The network of claim 15, wherein the transmitter node does not listen for NACK signals relating to its own transmitted data packets.